

Amendments to the Specification:

Please replace the paragraph which appears on page 1, line 2 and ends on line 17, with the following rewritten paragraphs:

TECHNICAL FIELD

The present invention concerns a pressure transmitter, or a pressure sensor with a pressure transmitter, for the registering of a pressure of a medium.

BACKGROUND DISCUSSION

These The pressure transmitters, which utilize a sealed dividing membrane, or diaphragm, are also referred to as pressure mediators or pressure intermediaries. Such pressure transmitters include a pressure transmitter body and a dividing, or separating, membrane. The dividing membrane is attached to the pressure transmitter body to form a pressure chamber between a top surface of the pressure transmitter body and the dividing membrane. Also included is a pressure canal, which is in communication with the pressure chamber and over which a measuring cell is loaded by means of a transfer liquid with the pressure prevailing in the pressure chamber. To the extent that the pressure transmitter is integrated in a pressure sensor, or in a measuring mechanism thereof, as the case may be, the pressure canal can extend out to a measuring cell chamber. In the case of a pressure transmitter that is arranged separated from a pressure sensor, a capillary line is connected to the pressure canal. The capillary line extends out to the pressure sensor.

On page 2, prior to the paragraph which begins on line 7, please insert the following:

SUMMARY OF THE INVENTION

Please replace the paragraph which appears on page 2, line 9, with the following rewritten paragraph:

The object is solved by the pressure transmitter ~~of the independent claim 1 including:~~.

Please replace the paragraph which appears on page 2, line 10 and ends on line 19, with the following rewritten paragraph:

~~The pressure transmitter of the invention includes:~~

a pressure transmitter body;

a dividing membrane attached to the pressure transmitter body to form a pressure chamber between a top surface of the pressure transmitter body and the dividing membrane;

a first pressure canal, which extends between a first opening in the pressure chamber and a common pressure transfer path, and a second pressure canal, which extends between a second opening in the pressure chamber and the common pressure transfer path, wherein the second pressure canal exhibits other hydraulic properties than the first pressure canal.

On page 5, prior to the paragraph which begins on line 15, please insert the following:

BRIEF DESCRIPTION OF THE DRAWINGS

On page 6, prior to the paragraph which begins on line 1, please insert the following:

DETAILED DESCRIPTION